



General ordering data

Order No.	1931570000
Part designation	SV 7.62HP/10/270SF SW
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 10, 270°, Box
EAN	4032248581597
Qty.	50 pc(s).

System parameters

Fitted to PCB	Soldered connection
Outgoing elbow	270°
Pitch	7.62 mm
Pitch in inch	0.3 inch
No. of poles	10
Solder pin length	3.5 mm
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	68.58 mm
L1 in inch	2.7 inch
Insulation resistance	1,000 MΩ

Material data

Insulating material	PA GF
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	I
Flammability class UL 94	V-0
CTI	>= 500
Contact base material	Copper alloy
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	125 °C
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C

Material data

DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	41 A
Rated current, max. No. pins (Tu=20°C)	41 A
Rated current, min. No. pins (Tu=40°C)	41 A
Rated current, max. No. pins (Tu=40°C)	38 A
Rated voltage for overvoltage class/pollution severity III/3	630 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	6 kV
Rated voltage for overvoltage class/pollution severity III/2	630 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	6 kV
Rated voltage for overvoltage class/pollution severity II/2	1,000 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	6 kV

CSA rating data

Rated voltage (Use group C)	300 V
Rated current (Use group C)	35 A
Rated voltage (Use group D)	600 V
Rated current (Use group D)	5 A

UL 1059 rating data

Rated voltage (Use group C)	300 V
Rated current (Use group C)	35 A
Rated voltage (Use group D)	600 V
Rated current (Use group D)	5 A

Downloads

CAD Library (P-CAD Format - Standard)	SV.LIB
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Classifications

eClass 5.1	27-26-07-04
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Similar products

Order No.	Part designation	Version
1931480000	SV 7.62HP/02/270SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 2, 270°, Box
1931490000	SV 7.62HP/03/270SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 3, 270°, Box
1931500000	SV 7.62HP/04/270SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 4, 270°, Box
1931510000	SV 7.62HP/05/270SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 5, 270°, Box

1931520000	SV 7.62HP/06/270SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 6, 270°, Box
1931530000	SV 7.62HP/07/270SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 7, 270°, Box
1931540000	SV 7.62HP/08/270SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 8, 270°, Box
1931550000	SV 7.62HP/09/270SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 9, 270°, Box
1931580000	SV 7.62HP/11/270SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 11, 270°, Box
1931590000	SV 7.62HP/12/270SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 12, 270°, Box

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